

NWS Form E-5

(04-2006)

(PRES. BY NWS Instruction 10-924)

U.S. DEPARTMENT OF COMMERCE

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

NATIONAL WEATHER SERVICE

HYDROLOGIC SERVICE AREA (HSA)

**San Angelo, TX**

**MONTHLY REPORT OF HYDROLOGIC CONDITIONS**

REPORT FOR:

MONTH

YEAR

**December 2007**

TO: Hydrologic Information Center, W/OS31  
NOAA's National Weather Service  
1325 East West Highway  
Silver Spring, MD 20910-3283

SIGNATURE

Jason Johnson

DATE

**January 15, 2008**

*When no flooding occurs, include miscellaneous river conditions below the small box, such as significant rises, record low stages, ice conditions, snow cover, droughts, and hydrologic products issued (NWS Instruction 10-924).*

☒ An X inside this box indicates that no flooding occurred within this hydrologic service area.

Very little moisture was available during December. Most areas across the hydrologic service area (HSA) received 0.50 of an inch of rain or less during the month. A few locations across the Big Country and northern Heartland accumulated a little over one inch of rain. The rainfall that occurred was during the middle of the month as a slow moving cold front interacted with warmer moist air over the region. Several periods of light rain fell across the HSA from December 9<sup>th</sup> through 14<sup>th</sup>.

The average precipitation reported from coop observers in December was 0.54 of an inch. The highest monthly precipitation total of 1.50 inches was reported in Coleman County. Coop observers in Coleman, Fisher and Haskell Counties received over one inch of precipitation in December.

The San Angelo Regional Airport received 0.18 of an inch of precipitation during December, which was 0.76 of an inch below normal for the month. The monthly normal precipitation for San Angelo in December is 0.94 of an inch. San Angelo received 32.05 inches of rain during the year. The normal annual rainfall for San Angelo is 20.91 inches.

The Abilene Regional Airport received 0.37 of an inch of precipitation during December, which was 0.90 of an inch below normal for the month. The monthly normal precipitation for Abilene in December is 1.27 inches. Abilene received 35.84 inches of precipitation during the year. The average annual rainfall for Abilene is 23.78 inches

Junction received 0.24 of an inch of rain in December. The estimated average monthly rainfall for Junction in December is about one inch. Junction received 30.61 inches of precipitation during the year.

**Coop Observer Rainfall Totals for December and Totals for Year:**

<b>Station Name</b>	<b>Dec (in)</b>	<b>Year (in)</b>		<b>Station Name</b>	<b>Dec (in)</b>	<b>Year (in)</b>
Abilene 2	0.57	37.56		Merkel 12SW	0.85	42.33
Acton Ranch	M	M		O C Fisher Dam	0.07	M
Anson	0.60	29.07		Oak Creek Lake	0.32	37.57
Ballinger 2NW	0.27	35.00		Ozona	M	M
Brady	0.28	37.41		Ozona 22SE	0.25	37.65
Brownwood	0.24	42.21		Paint Rock	0.45	36.12
Burkett	0.27	43.89		Putnam	0.66	42.96
Coleman	0.48	31.41		Red Bluff Crossing	0.53	45.66
Concho Park	0.50	29.14		Richland Springs	M	M
Eden	M	M		Robert Lee	0.35	31.14
Eldorado	0.12	29.41		Roscoe	1.16	30.73
Eldorado 10W	0.40	32.06		Rotan	1.20	31.89
Eldorado 12N	0.28	36.07		San Saba 7NW	0.98	40.36
Fort Griffin	M	M		Silver Valley	0.83	34.27
Fort McKavett	0.37	38.06		Sonora	0.18	30.68
Glen Cove	0.60	34.95		Stamford	1.02	30.77
Hamlin	0.84	32.43		Sterling City	0.81	24.38
Haskell	1.21	32.29		Taylor Ranch	0.51	45.02
Hords Creek	1.50	39.24		Telegraph	M	M
Humble Pump	M	M		Throckmorton 7NE	0.24	35.54
Junction 4SSW	0.35	31.67		Water Valley	0.19	28.22
Lawn	0.44	36.17		Water Valley 11NE	0.48	30.85
London 3N	0.44	37.81		Winters	0.24	38.36
Mason	0.54	46.36		Woodson	0.54	37.86
Menard	0.52	37.84				
				(M) <i>Missing data</i>		
				(T) <i>Trace</i>		

**Reservoir Conditions (end of December, 2007)**

<b>Reservoir</b>	<b>Conservation Capacity (Ac-Ft)</b>	<b>End of Month Capacity (Ac-Ft)</b>	<b>Percent of Capacity (%)</b>
Fort Phantom Hill	70,030	66,990	96
Lake Stamford	51,570	50,410	98
Hubbard Creek Lake	318,070	288,230	91
Hords Creek Lake	8,112	7,290	90
Lake Brownwood	131,428	123,290	94
E.V. Spence	517,270	75,540	15
O.C. Fisher	119,200	10,500	9
O.H. Ivie	554,340	371,600	67
Twin Buttes	177,800	79,980	45

**Hydro Products Issued**

None issued this month.

1 PNS issued for abnormally dry agricultural conditions